

Abstract

The invention is a thin film phosphor structure that can be processed on a substrate comprising glass or glass ceramic coated with thin film electrode strips at lower temperatures. The improved phosphor structure for use in a thick film dielectric electroluminescent display comprises a phosphor laminate of a blue light emitting phosphor thin film layer and a thin fluoride containing layer provided directly adjacent the phosphor thin film layer, wherein the fluoride containing layer is provided on the top and/or bottom of the phosphor thin film layer.